

State of Alaska
Department of Fish and Game
Nomination for Waters
Important to Anadromous Fish

AWC Volume SE SC SW W AR IN USGS Quad Craig B-3

Anadromous Water Catalog Number of Waterway 103-60-10470-222 **3140**

Name of Waterway none USGS name _____ Local name _____

Addition XX Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>95 214</u>	<u>Zanalfhea</u>	<u>11-1-94</u>
Revision Year: <u>-95</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wims</u>	<u>12/9/94</u>
Both <u>X</u>	<u>2. Irvine</u>	<u>12/12/94</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho salmon	13 May 1991		numerous		yes
coho salmon	8 September 1993		2		yes
coho salmon	29 November 1993	1	1		yes
cutthroat & dolly	see above		numerous		unknown

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area samples; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Stream examined 3 times during Forest Practices inspections. 5'-12' wide in lower portion, gravel substrate, low gradient. At designated upper end of habitat, about 5' wide, substrate large gravel with cobble, gradient quickly climbing to 10% or better.

Name of Observer (please print) James D. Durst, Habitat Biologist

Date: 12/14/93

Signature: James D. Durst

Address: ADF&G, Habitat & Restoration Division

P.O. Box 271, Klawock, AK 99925-0271

ALASKA DEPT. OF
FISH & GAME

NOV 29 1994

REGION II
HABITAT AND RESTORATION
DIVISION

This certifies that in my best professional judgement and belief the above information is evidence that this water body should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Jack Gustafson

Rev. 7/93

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

2129

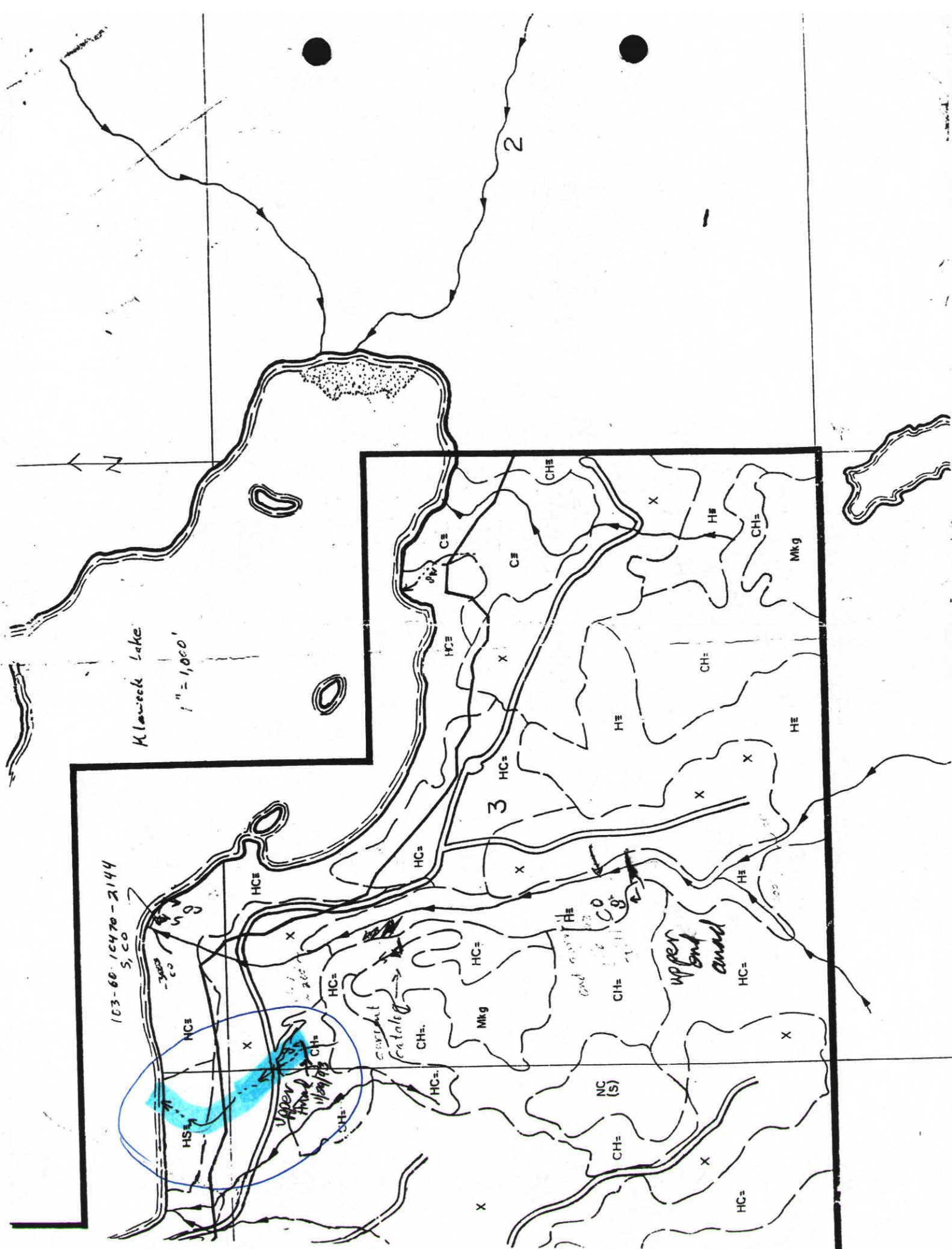
103-60-10470-0010

5'30" 131'00"

2128

52700m E





MEMORANDUM


State of Alaska DEPARTMENT OF FISH AND GAME

TO: Al Peterson
Forest Practices Forester
Department of Natural
Resources
Ketchikan

DATE: November 29, 1993

FILE #: SE-88-008

PHONE: 755-2485

FROM: James D. Durst 
Habitat Biologist
Habitat & Restoration Division
Klawock

SUBJECT: SSI South Klawock Lake
Stream Examination

On September 8 and November 29, 1993, Sam Thomas (SSI) and I examined a stream in Shaan-Seet, Inc.'s (SSI's) South Klawock Lake operation to determine the upper extent of anadromous habitat. The second examination was done because at least 150' of stream was dry on the surface near the mainline road crossing at the first survey. Both times, we examined the stream from the road upstream to where it becomes steeper than 8% gradient.

On September 8, minnow traps yielded 2 coho salmon juveniles in a pool about 75' above the road, and 6 Dolly Varden char and 6 cutthroat trout in a pool about 200' above the road. We also hand captured cutthroat fry. On November 29, electroshocking yielded 1 coho fry and several cutthroat fry in the pool 75' above the road, and numerous cutthroat of different age classes and coloration. One spawned adult coho was found on a gravel bar about 125' above the road.

We agreed to designate the upper extent of anadromous habitat at a small debris jam with several 1'-2' jumps in it. Above this point, the substrate becomes coarser and the gradient increases, becoming 10% about 50' above the jam.

Based on notes from our May 13, 1991, survey of streams entering Klawock Lake and location information provided by SSI, I believe that this is the upper end of the stream we designated a Type A water body entering Klawock Lake at Lot 50 in section 33.

cc: Lana Shea, ADF&G, Douglas
Jack Gustafson, ADF&G, Ketchikan
Sam Thomas, SSI, Craig

Monday 13 May 1991

JD

Nicholas Helicopter Field Inspection, South
Shore of Klawack Lake; Al Peterson,
Matt Keith, Eric Decker, Jan Savage

0800 Methukin Air Service chartered C20,
KTN-KLW

Difficulties w/ AMR truck at hatchery;
got going w/ boat but water ingas 50
pounds back to hatchery & did
work on boat; got it all together ~ noon

moved to S end of lake; looked
at stream (section - refer to marks);
Section 3; narrow stream, type
A ~ 150' until 80% suspension
is > 80% before out of 66' lake buffer
66'

Set 34: nice stream, devil's
club; tails to W trapped
w/ 2 traps overnight; type A
#2038, Lot #41, lower trap 1 coho,
1 DV; upper trap 1 CO, 1 DV, 1 Sculpin

13 May (cont.)

Set 33: Vancouver stream; fry
seen in pools; Type A to element;
E tail removed; w tail A ~
20', ~ 12' at mouth, 5' upper end;
lot #30

Lot #55
lot Vancouver stream; Type A ~ 5'
wide for 50' then log barrier;
trap below barrier: 1 CO, 4 DV,
5 Sulf; 2 traps above barrier
NC

Lot # 56 stream; Type A; suspended
barrier at stump; 2 traps above;
24 CO, 1 DV, 5 RT, 2 Sulf; A
to CC on upper end where
gradient picks up

Lot # 57: mouth of minor
creek; 66' from beach OK buffer

8 Sept. (2 of 3)

Stream in mud portion 6'-8'
DHW w/ small sections 10'-15';
gravel to very small rubble
substrate to beach, w/
thick 1'-2' vertical banks, gradient
~5%; plugged across w/
bl/w & pink at upper end
350'-400' from beach

now
7 and 2
m

walked to property line;
small (1'-2') stream flagged
previously at "Tract 1". removed
flagging; ~100' of Tract A
labeled on looks; probably
all w/in lake buffer

small (2'-3') stream con-
out between 13+14; no approx
habitat

8 Sept. (3 of 3)

up/2 stream W of East Creek

4 traps set up to >80%
band captured fry CT
upper trap: N/F
next trap: N/F
next (~200' above, rd): 6 CT, 6 DV
lower trap (75' above rd): 3 CO

stream dry from below last
trap to ~100' below road;
ST says dry nearly from
road to timber along lake
buffer (i.e., essentially all
portions clearcut are dry,
all not cut have flow)

reexamine stream later when
flow higher (see 11/29/93: JF)

Monday 29 November 1993

Partly cloudy; freeze overnight

JD

SSI Stream Shedding, South Side Klawock Lake.

w/ Sam Thomas

out stream W of East Creek; diving up to 200' below old xc line. Little CT of all ages & different colorations; 1 CO juvenile ~150' above road. I've here captured 3 previously; 1 spanned CO adult ~200' below xc line. Designated debris pan w/ couple of 1 1/2" - 2" jumps as well. and mud; above this point, stream quickly goes from 5-6" to 10-12" substrate from gravel dominated to cobble / claminated = "a good CT stream" at upper end; stream 10'-15' OHW, w/ 4'-6" flow today

enters lake at lot #150 based on lake survey notes

Wednesday 1 December 1993

W. At 1 1/2" rain overnight

JD

SSI South Klawock Lake Variation Inspection,

w/ Al Peterson, Chris Westwood, Wade Wahrenbreck, Jim Eleazer, Sam Thomas,

Jeff Shakely

out to end of mainline road, then down property line

#1 Toward; up on bank

#2 Toward; up on bank

#3 down on flat by dike; sweep back some

#4 sweeps away

SSI says: up road, hole in mt. gneiss buffer

break (first one) is ~175' 170'

discussion about survey & lead top W of #4

#5 Leads a bit toward; ST says RC 36" nearly 4' 6" for